

# Lattice methods for the 2020s



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Distillation at 10

*Monday 2 December 2019 10:00 (1 hour)*

**Author:** PEARDON, Mike (Trinity College Dublin)

**Presenter:** PEARDON, Mike (Trinity College Dublin)

**Session Classification:** Invited talks

Contribution ID: 2

Type: **not specified**

# **The stochastic LapH approach to all-to-all quark propagation**

*Monday 2 December 2019 11:30 (1 hour)*

**Author:** BULAVA, John (University of Southern Denmark)

**Presenter:** BULAVA, John (University of Southern Denmark)

**Session Classification:** Invited talks

Contribution ID: 3

Type: **not specified**

## The power of distillation

*Monday 2 December 2019 14:00 (1 hour)*

**Author:** EDWARDS, Robert (Thomas Jefferson National Accelerator Facility)

**Presenter:** EDWARDS, Robert (Thomas Jefferson National Accelerator Facility)

**Session Classification:** Invited talks

Contribution ID: 4

Type: **not specified**

## Recent developments in light flavour physics

*Tuesday 3 December 2019 10:00 (1 hour)*

**Author:** Dr PORTELLI, Antonin (The University of Edinburgh)

**Presenter:** Dr PORTELLI, Antonin (The University of Edinburgh)

**Session Classification:** Invited talks

Contribution ID: 5

Type: **not specified**

## **Distillation – from the rho-meson to charmonium resonances**

*Tuesday 3 December 2019 11:30 (1 hour)*

**Presenter:** MOHLER, Daniel (Helmholtz-Institut Mainz)

**Session Classification:** Invited talks

Contribution ID: 6

Type: **not specified**

# Frequency-splitting estimators for disconnected diagrams

*Tuesday 3 December 2019 14:00 (1 hour)*

**Presenter:** HARRIS, Tim (University of Milan Bicocca)

**Session Classification:** Invited talks

Contribution ID: 7

Type: **not specified**

## **Towards a holographic description of cosmology on the lattice**

*Wednesday 4 December 2019 10:00 (1 hour)*

**Author:** JUTTNER, Andreas (University of Southampton)

**Presenter:** JUTTNER, Andreas (University of Southampton)

**Session Classification:** Invited talks



Contribution ID: 8

Type: **not specified**

## High precision determination of $w_0$

*Wednesday 4 December 2019 11:30 (1 hour)*

**Author:** GUENTHER, Jana N. (University of Wuppertal)

**Presenter:** GUENTHER, Jana N. (University of Wuppertal)

**Session Classification:** Invited talks

Contribution ID: 9

Type: **not specified**

## Efficient evaluation of stochastic-LapH correlation functions

*Wednesday 4 December 2019 14:00 (1 hour)*

**Presenter:** HOERZ, Ben (Lawrence Berkeley National Lab)

**Session Classification:** Invited talks

Contribution ID: **10**

Type: **not specified**

## The $b_1$ resonance from lattice QCD

*Monday 2 December 2019 15:30 (30 minutes)*

**Author:** WOSS, Antoni (University of Cambridge)

**Presenter:** WOSS, Antoni (University of Cambridge)

**Session Classification:** Contributed talks

Contribution ID: **11**

Type: **not specified**

## **Non-perturbative renormalization by decoupling**

*Tuesday 3 December 2019 15:30 (30 minutes)*

**Author:** RAMOS MARTINEZ, Alberto (Trinity College Dublin)

**Presenter:** RAMOS MARTINEZ, Alberto (Trinity College Dublin)

**Session Classification:** Contributed talks